

Patent Abstracts of Japan

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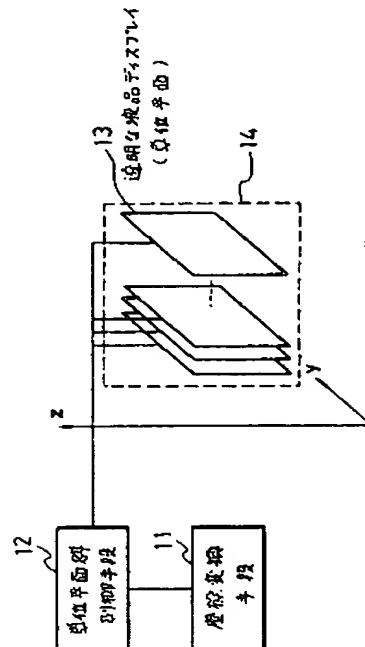
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TITLE : THREE-DIMENSIONAL DISPLAY
SYSTEM BY LAMINATED LIQUID
CRYSTAL DISPLAY DEVICE



ABSTRACT : PURPOSE: To allow the recognition of a stereoscopy to be easily and exactly executed by providing a coordinate transforming means for corresponding the point of the virtual space of the object to be displayed to the point of the space constituted of a laminated liquid crystal display and a control means which converts the point on the unit plane to which the corresponded point belongs to an invisible point.

CONSTITUTION: The coordinate point in the virtual space is coordinate-transformed by the coordinate transforming means 11 to the corresponding coordinate point in the laminated liquid crystal display 14 and the laminated liquid crystal display 13 in the direction x to which the coordinate-transformed point belongs is selected. Further, the corresponding point on the y-z plane of the selected liquid crystal display 13 is so controlled by the unit plane group control means 12 in such a manner that this point is converted to the invisible point. The stereoscopy itself, is therefore, produced in actuality. The easy and exact recognition of the stereoscopy is executed in this way and the points to be displayed are merely necessitated to display the points of the space where the resembling body of the stereoscopy occupies in actuality and, therefore, the display is executed without making intricate calculation.

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